Visual Aids
California Education and the Environment Initiative



Cycle of Life

#### **California Education and the Environment Initiative**

Approved by the California State Board of Education, 2010

#### The Education and the Environment Curriculum is a cooperative endeavor of the following entities:

California Environmental Protection Agency
California Natural Resources Agency
Office of the Secretary of Education
California State Board of Education
California Department of Education
California Integrated Waste Management Board

#### **Key Leadership for the Education and Environment Initiative:**

Linda Adams, Secretary, California Environmental Protection Agency
Patty Zwarts, Deputy Secretary for Policy and Legislation, California Environmental Protection Agency
Andrea Lewis, Assistant Secretary for Education and Quality Programs, California Environmental Protection Agency
Mark Leary, Executive Director, California Integrated Waste Management Board
Mindy Fox, Director, Office of Education and the Environment, California Integrated Waste Management Board

#### **Key Partners:**

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http://www.calepa.ca.gov/Education/EEI/

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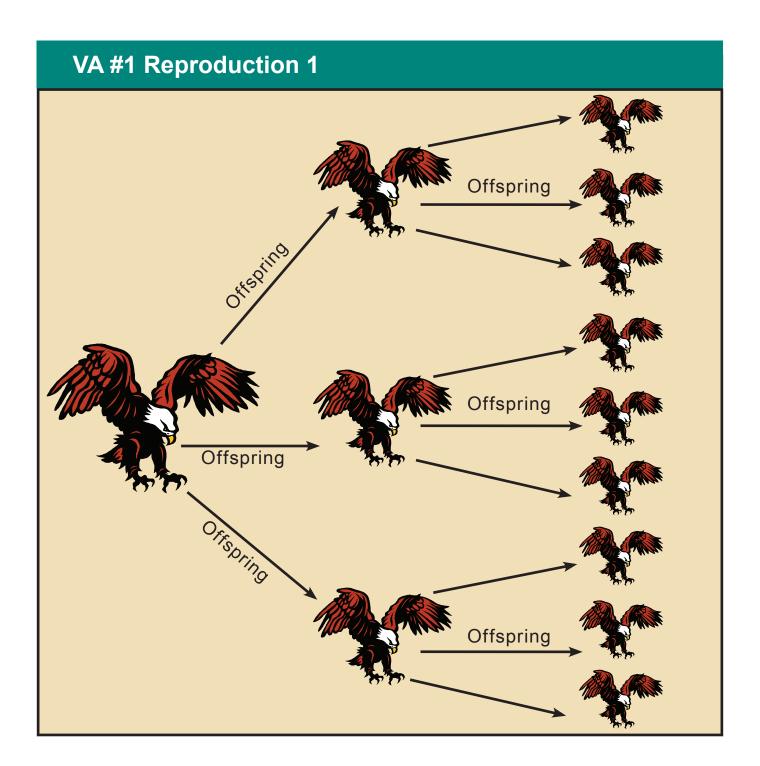
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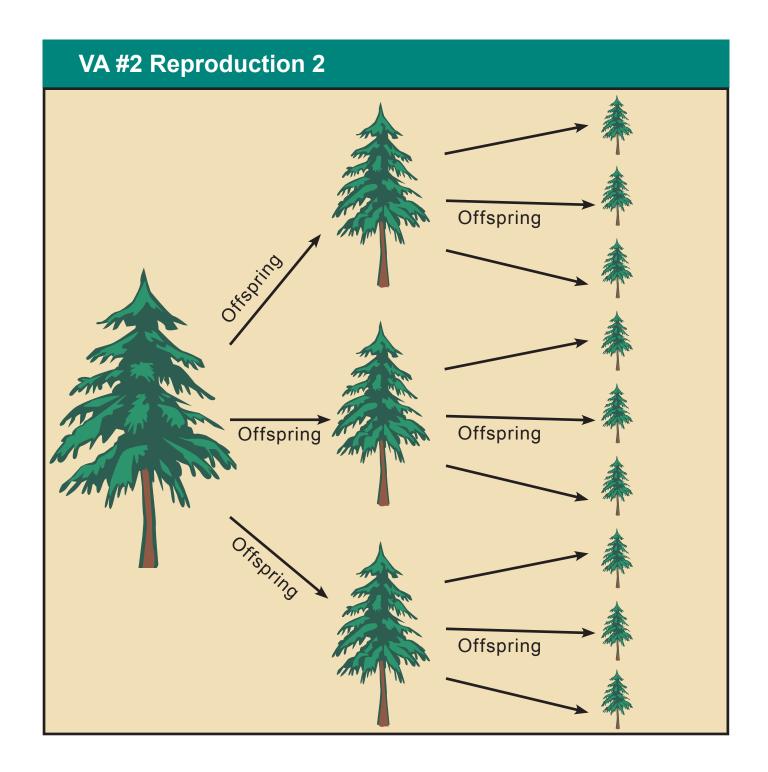
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| L  | esson 1     | Reproduction: An Essential Part of the Life Cycle |
|----|-------------|---|
| 1  | Reproduct   | ion 1   |
| 2  | Reproduct   | ion 2   |
| 3  | Life Cycle  | 4   |
| L  | esson 2     | Eggs and Seeds                                    |
| 4  | Eggs vs. Se | reds  |
| L  | esson 3     | Growth and Metamorphosis                          |
| 5  | Bird Grow   | th6   |
| 6  | Adult Anir  | mals  |
| L  | esson 4     | Reproduction Needs: A Monarch's Story             |
| 7  | A Monarch   | n's Story   |
| 8  | Adult Mor   | narch Butterfly                                   |
| 9  | Caterpillar | and Adult Feeding                                 |
| 10 | Flowering   | Milkweed Plant 11                                 |
| 11 | Monarch (   | Chrysalis   |
| 12 | Adult Mor   | narch on Milkweed Flower                          |
| 13 | Map of Mo   | onarch Migration                                  |
| 14 | Monarchs    | Roosting in Trees                                 |
| 15 | Monarch I   | Feeding on Wildflowers                            |
| 16 | A Butterfly | 7 Garden  |
| 17 | The Future  | e of Monarch Butterflies                          |
| L  | esson 5     | Human Uses of Plant and Animal Reproduction       |
| 18 | Crops of C  | California  |





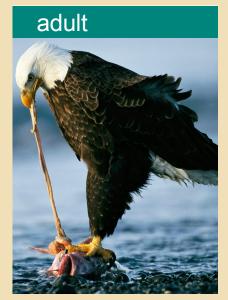
| VA #3 Life Cycle |                |                 |                 |                 |       |  |  |  |
|------------------|----------------|-----------------|-----------------|-----------------|-------|--|--|--|
|                  |                |                 |                 |                 |       |  |  |  |
| Animals          | baby<br>animal | young<br>animal | adult<br>animal | older<br>animal | Dooth |  |  |  |
| Plants           | seedling       | young<br>plant  | adult<br>plant  | older<br>plant  | Death |  |  |  |
| Time (Age)       |                |                 |                 |                 |       |  |  |  |

# VA #4 Eggs vs. Seeds **How Eggs and Seeds Are the Same How Eggs and Seeds Are Different**

#### **VA #5 Bird Growth**







#### **VA #6 Adult Animals**









### **VA #7 A Monarch's Story**

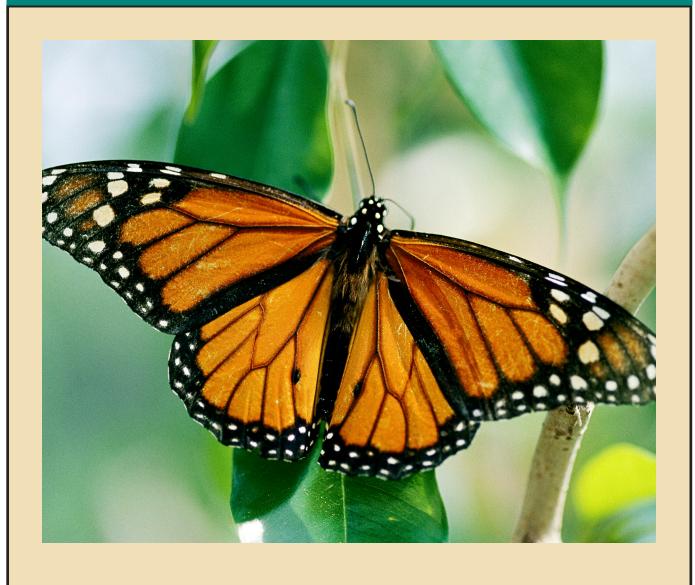






This presentation tells the story of the monarch butterfly.

# **VA #8 Adult Monarch Butterfly**



## **VA #9 Caterpillar and Adult Feeding**

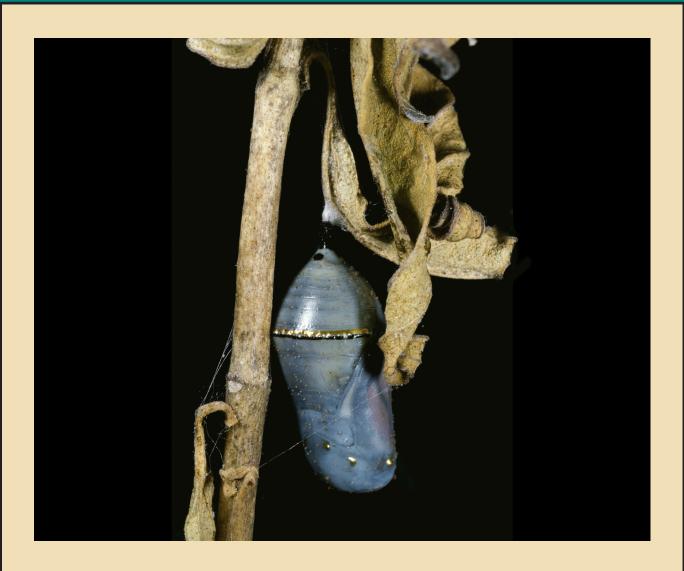




# **VA #10 Flowering Milkweed Plant**

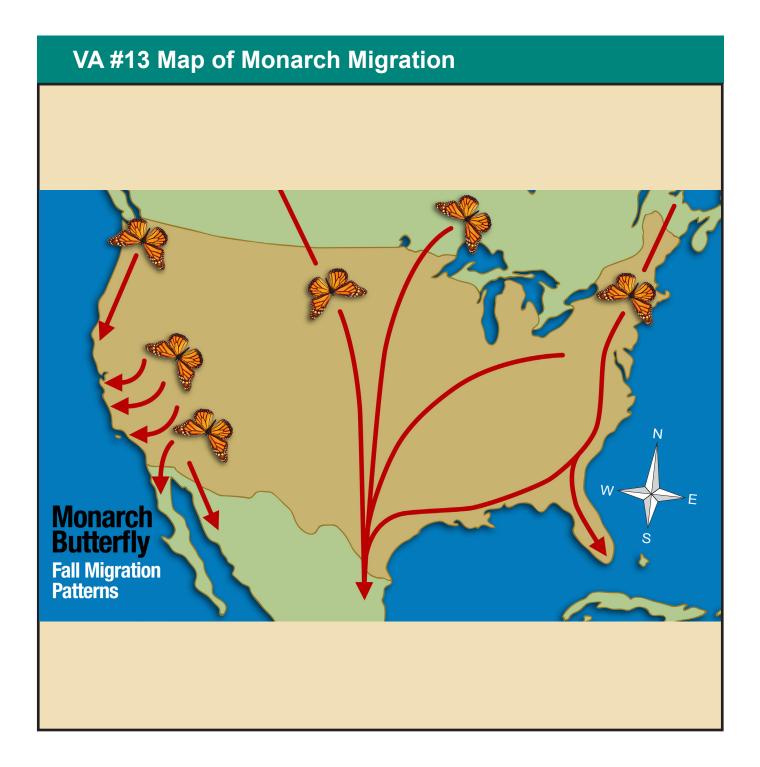


# **VA #11 Monarch Chrysalis**



#### **VA #12 Adult Monarch on Milkweed Flower**

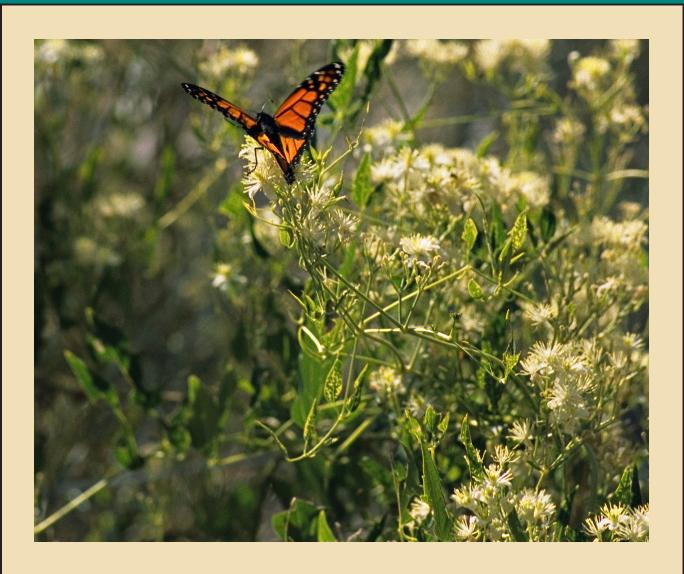




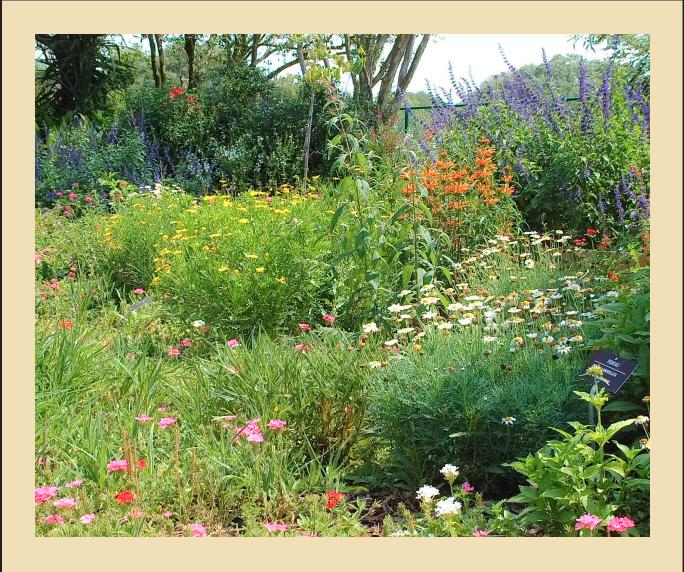
## **VA #14 Monarchs Roosting in Trees**

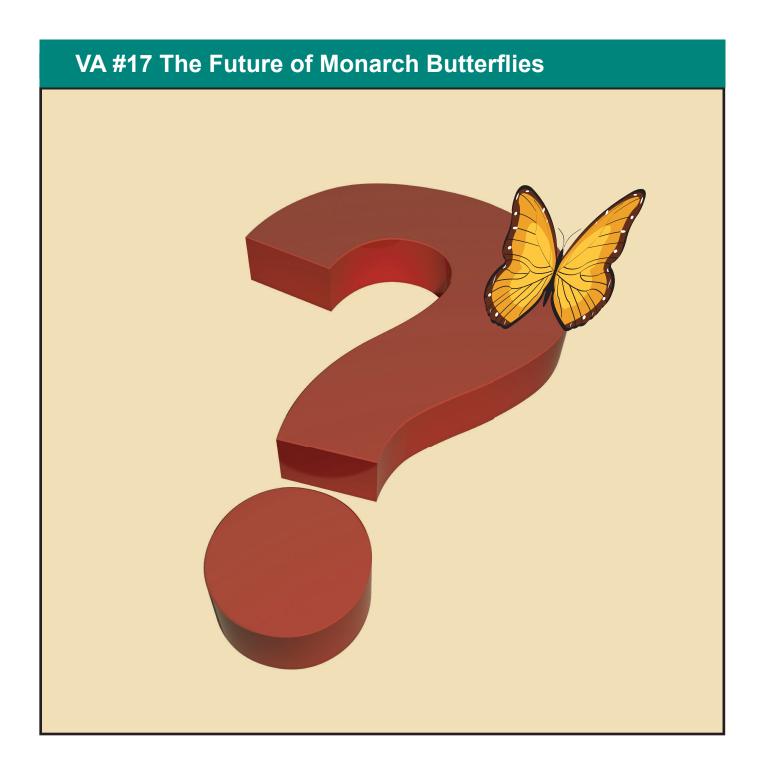


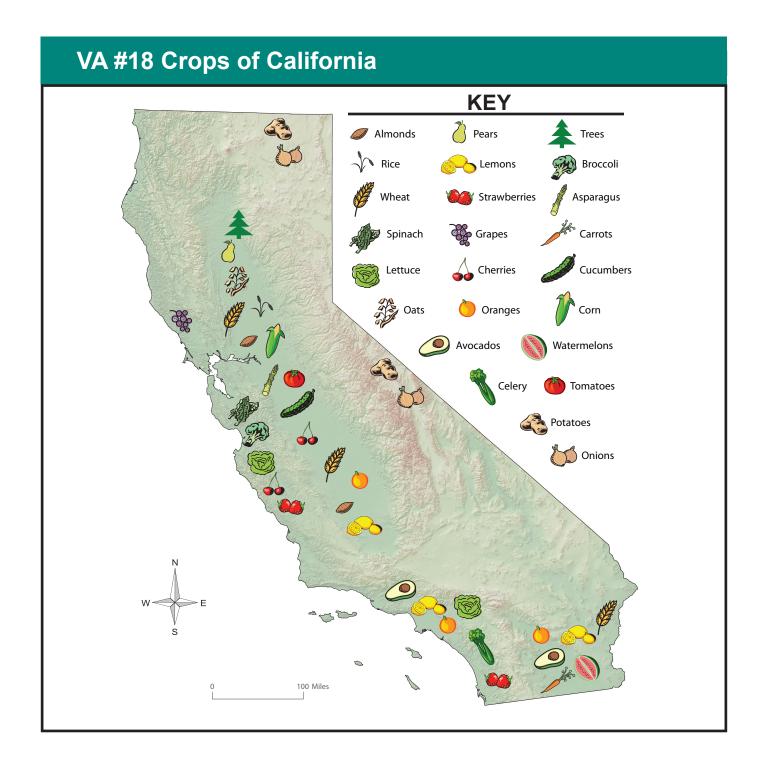
## **VA #15 Monarch Feeding on Wildflowers**



# **VA #16 A Butterfly Garden**











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